

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/603,566A
Source: TFW16
Date Processed by STIC: 3-30-05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 03/30/2005

PATENT APPLICATION: US/10/603,566A

TIME: 10:56:07

Input Set : A:\March'-1.txt

Output Set: N:\CRF4\03302005\J603566A.raw

3 <110> APPLICANT: Wittamer, Valerie
 4 Communi, David
 5 Vandenberg, Arin
 6 Detheux, Michel
 7 Parmentier, Marc
 9 <120> TITLE OF INVENTION: Compositions and Methods Comprising a Ligand of ChemerinR
 11 <130> FILE REFERENCE: 9409/2045B
 13 <140> CURRENT APPLICATION NUMBER: 10/603,566A
 14 <141> CURRENT FILING DATE: 2003-06-25
 16 <150> PRIOR APPLICATION NUMBER: US 60/303,858
 17 <151> PRIOR FILING DATE: 2001-07-09
 19 <150> PRIOR APPLICATION NUMBER: US 09/905,253
 20 <151> PRIOR FILING DATE: 2001-07-13
 22 <150> PRIOR APPLICATION NUMBER: US 10/201,187
 23 <151> PRIOR FILING DATE: 2001-07-23
 25 <150> PRIOR APPLICATION NUMBER: PCT/EP02/07647
 26 <151> PRIOR FILING DATE: 2002-07-09
 28 <160> NUMBER OF SEQ ID NOS: 94
 30 <170> SOFTWARE: PatentIn version 3.1
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 1112
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Homo sapiens
 37 <400> SEQUENCE: 1
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 40 gactccattg tgggttttga ggacttatcc cccttggaag ccagggtgac caggatcttc 120
 42 ctgggtgggtg tctacagcat cgtctgcttc ctcgggattc tgggcaatgg tctgggtgatc 180
 44 atcattgcca ccttcaagat gaagaagaca gtgaacatgg tctgggttct caacctggca 240
 46 gtggcagatt tcctgttcaa cgtcttcttc ccaatccata tcacctatgc cgccatggac 300
 48 taccactggg ttttcgggac agccatgtgc aagatcagca acttccttct catccacaac 360
 50 atgttcacca gcgtcttctt gctgaccatc atcagctctg accgctgcat ctctgtgctc 420
 52 ctccctgtct ggtcccagaa ccaccgcagc gttcgcttgg cttacatggc ctgcatggtc 480
 54 atctgggtcc tggcttttct cttgagttcc ccatctctcg tcttccggga cacagccaac 540
 56 ctgcatggga aaatatcctg cttcaacaac ttcagcctgt ccacacctgg gtcttctctg 600
 58 tggcccactc actcccaaact ggaccctgtg gggatatagc ggcacatggg ggtgactgtc 660
 60 acccgcttcc tctgtggctt cctgggtcca gtctcatca tcacagcttg ctacctcacc 720
 62 atcgtctgca aactgcagcg caaccgcctg gccaaagaca agaagccctt caagattatt 780
 64 gtgacctaca tcattacctt cttcctctgc tgggtgcccct accacacact caacctccta 840
 66 gagctccacc acatgccat gcctggctct gtcttcagcc tgggttttgc cctggccact 900
 68 gcccttgcca ctgccaacag ctgcatgaac cccattctgt atgttttcat ggtcaggact 960
 70 tcaagaagtt caaggtggcc ctcttctctc gcctgggtcaa tgctctaagt gaagatacag 1020
 72 gccactcttc ctaccccagc catagaagct ttaccaagat gtcaatgaat gagaggactt 1080
 74 ctatgaatga gagggagacc ggcattgctt ga 1112

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Input Set : A:\March'\~1.txt

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78 <211> LENGTH: 371
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 2
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85 1 5 10 15
88 Pro Asp Tyr Leu Asp Ser Ile Val Val Leu Glu Asp Leu Ser Pro Leu
89 20 25 30
92 Glu Ala Arg Val Thr Arg Ile Phe Leu Val Val Val Tyr Ser Ile Val
93 35 40 45
96 Cys Phe Leu Gly Ile Leu Gly Asn Gly Leu Val Ile Ile Ala Thr
97 50 55 60
100 Phe Lys Met Lys Lys Thr Val Asn Met Val Trp Phe Leu Asn Leu Ala
101 65 70 75 80
104 Val Ala Asp Phe Leu Phe Asn Val Phe Leu Pro Ile His Ile Thr Tyr
105 85 90 95
108 Ala Ala Met Asp Tyr His Trp Val Phe Gly Thr Ala Met Cys Lys Ile
109 100 105 110
112 Ser Asn Phe Leu Leu Ile His Asn Met Phe Thr Ser Val Phe Leu Leu
113 115 120 125
116 Thr Ile Ile Ser Ser Asp Arg Cys Ile Ser Val Leu Leu Pro Val Trp
117 130 135 140
120 Ser Gln Asn His Arg Ser Val Arg Leu Ala Tyr Met Ala Cys Met Val
121 145 150 155 160
124 Ile Trp Val Leu Ala Phe Phe Leu Ser Ser Pro Ser Leu Val Phe Arg
125 165 170 175
128 Asp Thr Ala Asn Leu His Gly Lys Ile Ser Cys Phe Asn Asn Phe Ser
129 180 185 190
132 Leu Ser Thr Pro Gly Ser Ser Ser Trp Pro Thr His Ser Gln Met Asp
133 195 200 205
136 Pro Val Gly Tyr Ser Arg His Met Val Val Thr Val Thr Arg Phe Leu
137 210 215 220
140 Cys Gly Phe Leu Val Pro Val Leu Ile Ile Thr Ala Cys Tyr Leu Thr
141 225 230 235 240
144 Ile Val Cys Lys Leu Gln Arg Asn Arg Leu Ala Lys Thr Lys Lys Pro
145 245 250 255
148 Phe Lys Ile Ile Val Thr Ile Ile Ile Thr Phe Phe Leu Cys Trp Cys
149 260 265 270
152 Pro Tyr His Thr Leu Asn Leu Leu Glu Leu His His Thr Ala Met Pro
153 275 280 285
156 Gly Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Leu Ala Ile
157 290 295 300
160 Ala Asn Ser Cys Met Asn Pro Ile Leu Tyr Val Phe Met Gly Gln Asp
161 305 310 315 320
164 Phe Lys Lys Phe Lys Val Ala Leu Phe Ser Arg Leu Val Asn Ala Leu
165 325 330 335
168 Ser Glu Asp Thr Gly His Ser Ser Tyr Pro Ser His Arg Ser Phe Thr
169 340 345 350

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172 Lys Met Ser Ser Met Asn Glu Arg Thr Ser Met Asn Glu Arg Glu Thr
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176 Gly Met Leu
177          370
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181 <211> LENGTH: 1116
182 <212> TYPE: DNA
183 <213> ORGANISM: Mus musculus
185 <400> SEQUENCE: 3
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188 ggctactttg tggacttgga ggaggcgagt ccgtgggagg ccaagggtggc cccggtcttc      120
190 ctggtggtga tctacagctt ggtgtgcttc ctcggtctcc taggcaacgg cctggtgatt      180
192 gtcacgcaca ccttcaagat gaagaagacc gtgaacactg tgtggtttgt caacctggct      240
194 gtggccgact tcctgttcaa catctttttg ccgatgcaca tcacctacgc ggccatggac      300
196 taccactggg tgttcgggaa ggccatgtgc aagatcagca acttcttgct cagccacaac      360
198 atgtacacca gcgtcttcct gctgactgtc atcagctttg accgctgcat ctccgtgctg      420
200 ctccccgtct ggtcccagaa ccaccgcagc atcgcgctgg cctacatgac ctgctcggcc      480
202 gtctgggtcc tggctttctt cttgagctcc ccgtcccttg tcttcggga caccgccaac      540
204 attcatggga agataacctg cttcaacaac ttcagcttgg ccgcgcctga gtcctcccca      600
206 catcccgccc actcgcaagt agtttcaca gggtacagca gacacgtggc ggtcactgtc      660
208 acccgcttcc tttgcggctt cctgatcccc gtcttcatca tcacggcctg ctaccttacc      720
210 atcgtcttca agctgcagcg caaccgcctg gccaagaaca agaagccctt caagatcatc      780
212 atcaccatca tcatcacctt cttcctctgc tggtgcccct accacaccct ctacctgctg      840
214 gagctccacc acacagctgt gccaaactct gtcttcagcc tggggctacc cctggccacg      900
216 gccgtcgcca tcgccaacag ctgcatgaac ccattctgtg acgtcttcat gggccacgac      960
218 ttcagaaaat tcaaggtggc cctcttctcc cgcttgcca acgccctgag tgaggacaca     1020
220 ggccccctct cctaccccag tcacaggagc ttcaccaaga tgcgtcttt gaatgagaag     1080
222 gcttcggtga atgagaagga gaccagtacc ctctga                                1116
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226 <211> LENGTH: 371
227 <212> TYPE: PRT
228 <213> ORGANISM: Mus musculus
230 <400> SEQUENCE: 4
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233 1          5          10          15
236 Ser Asp Gly Phe Gly Tyr Phe Val Asp Leu Glu Glu Ala Ser Pro Trp
237          20          25          30
240 Glu Ala Lys Val Ala Pro Val Phe Leu Val Val Ile Tyr Ser Leu Val
241          35          40          45
244 Cys Phe Leu Gly Leu Leu Gly Asn Gly Leu Val Ile Val Ile Ala Thr
245          50          55          60
248 Phe Lys Met Lys Lys Thr Val Asn Thr Val Trp Phe Val Asn Leu Ala
249 65          70          75          80
252 Val Ala Asp Phe Leu Phe Asn Ile Phe Leu Pro Met His Ile Thr Tyr
253          85          90          95
256 Ala Ala Met Asp Tyr His Trp Val Phe Gly Lys Ala Met Cys Lys Ile
257          100         105         110
260 Ser Asn Phe Leu Leu Ser His Asn Met Tyr Thr Ser Val Phe Leu Leu
261          115         120         125

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264 Thr Val Ile Ser Phe Asp Arg Cys Ile Ser Val Leu Leu Pro Val Trp
265      130      135      140
268 Ser Gln Asn His Arg Ser Ile Arg Leu Ala Tyr Met Thr Cys Ser Ala
269 145      150      155      160
272 Val Trp Val Leu Ala Phe Phe Leu Ser Ser Pro Ser Leu Val Phe Arg
273      165      170      175
276 Asp Thr Ala Asn Ile His Gly Lys Ile Thr Cys Phe Asn Asn Phe Ser
277      180      185      190
280 Leu Ala Ala Pro Glu Ser Ser Pro His Pro Ala His Ser Gln Val Val
281      195      200      205
284 Ser Thr Gly Tyr Ser Arg His Val Ala Val Thr Val Thr Arg Phe Leu
285      210      215      220
288 Cys Gly Phe Leu Ile Pro Val Phe Ile Ile Thr Ala Cys Tyr Leu Thr
289 225      230      235      240
292 Ile Val Phe Lys Leu Gln Arg Asn Arg Leu Ala Lys Asn Lys Lys Pro
293      245      250      255
296 Phe Lys Ile Ile Ile Thr Ile Ile Ile Thr Phe Phe Leu Cys Trp Cys
297      260      265      270
300 Pro Tyr His Thr Leu Tyr Leu Leu Glu Leu His His Thr Ala Val Pro
301      275      280      285
304 Ser Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Val Ala Ile
305      290      295      300
308 Ala Asn Ser Cys Met Asn Pro Ile Leu Tyr Val Phe Met Gly His Asp
309 305      310      315      320
312 Phe Arg Lys Phe Lys Val Ala Leu Phe Ser Arg Leu Ala Asn Ala Leu
313      325      330      335
316 Ser Glu Asp Thr Gly Pro Ser Ser Tyr Pro Ser His Arg Ser Phe Thr
317      340      345      350
320 Lys Met Ser Ser Leu Asn Glu Lys Ala Ser Val Asn Glu Lys Glu Thr
321      355      360      365
324 Ser Thr Leu
325      370

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328 <210> SEQ ID NO: 5

329 <211> LENGTH: 1116

330 <212> TYPE: DNA

331 <213> ORGANISM: Rattus norvegicus

333 <400> SEQUENCE: 5

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334 atggagtacg aggggttacaa cgactccagc atctacggtg aggagtattc tgacggctcg      60
336 gactacatcg tggacttgga ggaggcgggt ccactggagg ccaagggtggc cgaggtcttc      120
338 ctggtggttaa tctacagctt ggtgtgcttc ctcgggatcc taggcaatgg cctggtgatt      180
340 gtcacgcgcca ccttcaagat gaagaagacg gtgaacaccg tgtggtttgt caacctggcc      240
342 gtggctgact tctgtttcaa catcttcttg cccatccaca tcacctatgc cgctatggac      300
344 taccactggg tggtcgggaa agccatgtgc aagattagta gctttctgct aagccacaac      360
346 atgtacacca gcgtcttcct gctcactgtc atcagcttcg accgctgcat ctccgtgctc      420
348 ctccccgtct ggtcccgaaa ccaccgcagc gtgcgtctgg cctacatgac ctgcgtggtt      480
350 gtctgggtct ggctttcttc tgagctctcc ccgtccctcg tcttcggaca cgtcagcacc      540
352 agccacggga agataacctg cttcaacaac ttcagcctgg cggcgcccga gcctttctct      600
354 cattccaccc acccgcgaaac agacccggtg gggtacagca gacatgtggc ggtcaccgtc      660
356 acccgcttcc tctgtggctt cctgatcccc gtcttcatca tcacggcctg ttacctcacc      720

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Input Set : A:\March'\~1.txt

Output Set: N:\CRF4\03302005\J603566A.raw

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358 atcgtcttca agttgcagcg caaccgccag gccaaagacca agaagccctt caagatcatc 780
360 atcaccatca tcatcacctt cttcctctgc tggtgcccct accacacact ctacctgctg 840
362 gagtccacc acacggctgt gccagcctct gtcttcagcc tgggactgcc cctggccaca 900
364 gccgtcgcca tcgccaacag ctgtatgaac cccatcctgt acgtcttcat gggccacgac 960
366 ttcaaaaaat tcaaggtggc ccttttctcc cgcttggtga atgccctgag cgaggacaca 1020
368 ggaccctcct cctaccccag tcacaggagc ttcaccaaga tgcctcatt gattgagaag 1080
370 gcttcagtga atgagaaaga gaccagcacc ctctga 1116
373 <210> SEQ ID NO: 6
374 <211> LENGTH: 371
375 <212> TYPE: PRT
376 <213> ORGANISM: Rattus norvegicus
378 <400> SEQUENCE: 6
380 Met Glu Tyr Glu Gly Tyr Asn Asp Ser Ser Ile Tyr Gly Glu Glu Tyr
381 1 5 10 15
384 Ser Asp Gly Ser Asp Tyr Ile Val Asp Leu Glu Glu Ala Gly Pro Leu
385 20 25 30
388 Glu Ala Lys Val Ala Glu Val Phe Leu Val Val Ile Tyr Ser Leu Val
389 35 40 45
392 Cys Phe Leu Gly Ile Leu Gly Asn Gly Leu Val Ile Val Ile Ala Thr
393 50 55 60
396 Phe Lys Met Lys Lys Thr Val Asn Thr Val Trp Phe Val Asn Leu Ala
397 65 70 75 80
400 Val Ala Asp Phe Leu Phe Asn Ile Phe Leu Pro Ile His Ile Thr Tyr
401 85 90 95
404 Ala Ala Met Asp Tyr His Trp Val Phe Gly Lys Ala Met Cys Lys Ile
405 100 105 110
408 Ser Ser Phe Leu Leu Ser His Asn Met Tyr Thr Ser Val Phe Leu Leu
409 115 120 125
412 Thr Val Ile Ser Phe Asp Arg Cys Ile Ser Val Leu Leu Pro Val Trp
413 130 135 140
416 Ser Gln Asn His Arg Ser Val Arg Leu Ala Tyr Met Thr Cys Val Val
417 145 150 155 160
420 Val Trp Val Trp Leu Ser Ser Glu Ser Pro Pro Ser Leu Val Phe Gly
421 165 170 175
424 His Val Ser Thr Ser His Gly Lys Ile Thr Cys Phe Asn Asn Phe Ser
425 180 185 190
428 Leu Ala Ala Pro Glu Pro Phe Ser His Ser Thr His Pro Arg Thr Asp
429 195 200 205
432 Pro Val Gly Tyr Ser Arg His Val Ala Val Thr Val Thr Arg Phe Leu
433 210 215 220
436 Cys Gly Phe Leu Ile Pro Val Phe Ile Ile Thr Ala Cys Tyr Leu Thr
437 225 230 235 240
440 Ile Val Phe Lys Leu Gln Arg Asn Arg Gln Ala Lys Thr Lys Lys Pro
441 245 250 255
444 Phe Lys Ile Ile Thr Ile Ile Ile Thr Phe Phe Leu Cys Trp Cys
445 260 265 270
448 Pro Tyr His Thr Leu Tyr Leu Leu Glu Leu His His Thr Ala Val Pro
449 275 280 285
452 Ala Ser Val Phe Ser Leu Gly Leu Pro Leu Ala Thr Ala Val Ala Ile

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/30/2005
PATENT APPLICATION: US/10/603,566A TIME: 10:56:08

Input Set : A:\March'~1.txt
Output Set: N:\CRF4\03302005\J603566A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:92; Xaa Pos. 3,4,5,7,9

Seq#:93; Xaa Pos. 4,5,7,9

Seq#:94; Xaa Pos. 1,2,3,4,5,6,7,8,9

VERIFICATION SUMMARY

DATE: 03/30/2005

PATENT APPLICATION: US/10/603,566A

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Input Set : A:\March'\~1.txt

Output Set: N:\CRF4\03302005\J603566A.raw

L:1974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92 after pos.:0

L:2012 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93 after pos.:0

L:2062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0